

# English-Arabic Glossary

**data:** observations or measurements recorded in an investigation

بيانات: ملاحظات أو قياسات مسجلة في دراسة ما

**disperse:** to spread around

ينثر: يُفرّق في المناطق المحيطة

**explanation:** a description of how something works or why something happens

شرح: وصف آلية عمل شيء ما أو سبب حدوث شيء ما

**evidence:** information that supports an answer to a question

دليل: معلومات تدعم إجابة عن سؤال ما

**habitat:** the place where an animal or plant lives and gets what it needs

موئل: المكان الذي يعيش فيه حيوان أو نبات ما ويحصل على احتياجاته منه

**investigate:** to try to learn more about something

بحث: محاولة معرفة المزيد عن شيء ما

**leaves:** the flat, green plant parts that use light to help the plant grow

أوراق النباتات: أجزاء خضراء مسطحة في النبات تستخدم الضوء للمساعدة على نمو النبات

## English-Arabic Glossary (continued)

**measure:** to use a tool to find out information such as how heavy, how big, how fast, or how hot or cold something is

قياس: استخدام أداة لاكتشاف معلومات مثل وزن أو حجم أو سرعة أو سخونة أو برودة شيء ما

**model:** something scientists make to answer questions about the real world

نموذج: شيء ما يضعه العلماء للإجابة عن أسئلة حول العالم الواقعي

**observe:** to use any of the five senses to gather information about something

يدرك: الاستعانة بأي من الحواس الخمس لتجميع المعلومات عن شيء ما

**roots:** the underground plant parts that take in water to help the plant grow

جذور: أجزاء في النبات تمتد تحت الأرض لامتصاص الماء لتساعد النبات على النمو

**seeds:** things a plant makes that can grow into new plants

بذور: مكونات ينتجها النبات ويمكن أن تنمو منها نباتات جديدة

**sprout:** to start to grow from a seed

تبرعم: بدء النمو من بذرة ما

**system:** a group of parts that work together

نظام: مجموعة من الأجزاء تعمل سويًا

# English-Chinese Glossary

**data:** observations or measurements recorded in an investigation

**数据:** 调查中记录到的观察结果或测量值

**disperse:** to spread around

**传播:** 扩散

**explanation:** a description of how something works or why something happens

**说明性文字:** 对事物的工作原理或发生原因的描述

**evidence:** information that supports an answer to a question

**证据:** 支持问题答案的资料

**habitat:** the place where an animal or plant lives and gets what it needs

**栖息地:** 动植物生活并满足其需求的地方

**investigate:** to try to learn more about something

**调查:** 尝试更深入地了解某事物

**leaves:** the flat, green plant parts that use light to help the plant grow

**叶子:** 可利用光线来帮助植物生长的绿色植物部分, 呈扁平状

## English-Chinese Glossary (continued)

**measure:** to use a tool to find out information such as how heavy, how big, how fast, or how hot or cold something is  
**测量:** 使用工具来获取物体的轻重、大小、快慢或冷热等信息

**model:** something scientists make to answer questions about the real world

**模型:** 科学家为解答现实问题而制作的事物

**observe:** to use any of the five senses to gather information about something

**观察:** 使用五种感官中的任何感官来收集事物的信息

**roots:** the underground plant parts that take in water to help the plant grow

**根:** 吸取水分的植株地下部分，以帮助植物体生长

**seeds:** things a plant makes that can grow into new plants

**种子:** 植物所产生的籽实，可以长成新的植物

**sprout:** to start to grow from a seed

**发芽:** 从种子开始生长

**system:** a group of parts that work together

**系统:** 彼此配合的多个部件

# English-French Glossary

**data:** observations or measurements recorded in an investigation

**données:** observations ou mesures notées dans une étude

**disperse:** to spread around

**disperser:** répandre quelque chose

**explanation:** a description of how something works or why something happens

**explication:** description du fonctionnement de quelque chose ou de la raison l'ayant provoqué

**evidence:** information that supports an answer to a question

**preuve:** information qui confirme une réponse à une question

**habitat:** the place where an animal or plant lives and gets what it needs

**habitat:** lieu où un animal ou une plante vit et dispose de ce dont il ou elle a besoin

**investigate:** to try to learn more about something

**étudier:** essayer d'en savoir plus sur quelque chose

**leaves:** the flat, green plant parts that use light to help the plant grow

**feuilles:** parties plates, vertes d'une plantes qui absorbent la lumière pour l'aider à pousser

## English-French Glossary (continued)

**measure:** to use a tool to find out information such as how heavy, how big, how fast, or how hot or cold something is

**mesurer:** utiliser un outil pour connaître des informations telles que le poids, la taille, la vitesse, la chaleur ou la froideur de quelque chose

**model:** something scientists make to answer questions about the real world

**modèle:** chose créée par des scientifiques pour répondre à des questions sur le monde réel

**observe:** to use any of the five senses to gather information about something

**observer:** utiliser l'un des cinq sens pour recueillir des informations sur quelque chose

**roots:** the underground plant parts that take in water to help the plant grow

**racines:** parties souterraines des plantes qui absorbent l'eau pour l'aider à pousser

**seeds:** things a plant makes that can grow into new plants

**graines:** partie de la plante qui peut pousser en une nouvelle plante

**sprout:** to start to grow from a seed

**germer:** commencer à pousser à partir d'une graine

## English-French Glossary (continued)

**system:** a group of parts that work together

**système:** groupe de pièces qui fonctionnent ensemble

# English-Haitian Creole Glossary

**data:** observations or measurements recorded in an investigation

**done:** obsèvasyon oswa mezi ke yo anrejistre nan yon envestigasyon

**disperse:** to spread around

**dispèse:** simaye yon bagay

**explanation:** a description of how something works or why something happens

**esplikasyon:** yon deskripsyon sou fason yon bagay mache oswa pou ki sa yon bagay rive

**evidence:** information that supports an answer to a question

**evidans:** enfòmasyon ki sipòte yon repòn pou yon kesyon

**habitat:** the place where an animal or plant lives and gets what it needs

**abita:** plas kote yon zannimo oswa plant viv epi jwenn sa li bezwen ladan l

**investigate:** to try to learn more about something

**envestige:** eseye aprann plis de yon bagay

**leaves:** the flat, green plant parts that use light to help the plant grow

**fèy:** pati nan plant ki plat, vèt ki absòbe limyè



## English-Haitian Creole Glossary (continued)

**measure:** to use a tool to find out information such as how heavy, how big, how fast, or how hot or cold something is

**mezire:** itilize zouti pou chache enfòmasyon tankou ki pwa, ki gwosè, ki kantite vitès, oswa ki kantite chalè oswa ki kantite fred i yon bagay genyen

**model:** something scientists make to answer questions about the real world

**modèl:** yon bagay ke syantis yo fè pou reponn kesyon sou mond reyèl la

**observe:** to use any of the five senses to gather information about something

**obsève:** itilize nenpòt nan senk sans yo pou w kolekte enfòmasyon sou yon bagay

**roots:** the underground plant parts that take in water to help the plant grow

**rasin:** pati nan plant ki anba tè ki pou absòbe dlo pou ede plant lan grandi

**seeds:** things a plant makes that can grow into new plants

**semans:** bagay yon plant fè ki kapab grandi pou bay nouvo plant

**sprout:** to start to grow from a seed

**jèmen:** kòmanse grandi apati yon semans

## English-Haitian Creole Glossary (continued)

**system:** a group of parts that work together

**sistèm:** yon gwoup plizyè mòso ki mache ansanm

# English-Portuguese Glossary

**data:** observations or measurements recorded in an investigation

**dados:** observações ou medições registradas em uma investigação

**disperse:** to spread around

**dispersar:** espalhar

**explanation:** a description of how something works or why something happens

**explicação:** descrição de como algo funciona ou por que algo acontece

**evidence:** information that supports an answer to a question

**evidência:** informação que reforça uma resposta a uma pergunta

**habitat:** the place where an animal or plant lives and gets what it needs

**habitat:** local onde um animal ou planta vive e de onde obtém o que precisa

**investigate:** to try to learn more about something

**investigar:** tentar aprender mais sobre algo

## English-Portuguese Glossary (continued)

**leaves:** the flat, green plant parts that use light to help the plant grow

**folhas:** partes verdes e planas das plantas, usam a luz para ajudar a planta a crescer

**measure:** to use a tool to find out information such as how heavy, how big, how fast, or how hot or cold something is

**medir:** usar uma ferramenta para descobrir informações sobre peso, tamanho, velocidade e temperatura de algo

**model:** something scientists make to answer questions about the real world

**modelo:** algo que os cientistas montam para responder a perguntas sobre o mundo real

**observe:** to use any of the five senses to gather information about something

**observar:** usar quaisquer dos cinco sentidos para coletar informações sobre algo

**roots:** the underground plant parts that take in water to help the plant grow

**raízes:** partes subterrâneas da planta que absorvem a água para ajudar a planta a crescer

## English-Portuguese Glossary (continued)

**seeds:** things a plant makes that can grow into new plants

**sementes:** coisas que uma planta produz e que podem originar novas plantas

**sprout:** to start to grow from a seed

**brotar:** começar a crescer a partir de uma semente

**system:** a group of parts that work together

**sistema:** um grupo de partes que trabalham juntas

# English-Russian Glossary

**data:** observations or measurements recorded in an investigation

**данные:** результаты наблюдений или измерений, зарегистрированные во время исследования

**disperse:** to spread around

**распространять:** разносить вокруг

**explanation:** a description of how something works or why something happens

**объяснение:** описание того, как что-либо работает или почему что-либо происходит

**evidence:** information that supports an answer to a question

**факт(-ы):** информация, подтверждающая ответ на вопрос

**habitat:** the place where an animal or plant lives and gets what it needs

**ареал:** местность, в которой животные или растения живут и получают то, что им необходимо

**investigate:** to try to learn more about something

**исследовать:** попытаться узнать больше о чем-либо

## English-Russian Glossary (continued)

**leaves:** the flat, green plant parts that use light to help the plant grow

**листья:** плоские зеленые части растений, которые используют свет для того, чтобы помогать растениям расти

**measure:** to use a tool to find out information such as how heavy, how big, how fast, or how hot or cold something is

**измерять:** использовать инструмент или прибор, чтобы узнать, насколько объект тяжелый, большой, быстрый, горячий или холодный

**model:** something scientists make to answer questions about the real world

**модель:** что-либо, что создают ученые для получения ответов на вопросы о реальном мире

**observe:** to use any of the five senses to gather information about something

**наблюдать:** собирать информацию о чем-либо, используя какое-либо из пяти чувств

**roots:** the underground plant parts that take in water to help the plant grow

**корни:** подземные части растений, которые вбирают в себя воду, чтобы помогать растениям расти

## English-Russian Glossary (continued)

**seeds:** things a plant makes that can grow into new plants

**семена:** образуемые растениями частицы, из которых могут вырастать новые растения

**sprout:** to start to grow from a seed

**прорастать:** начинать расти из семени

**system:** a group of parts that work together

**система:** несколько взаимодействующих частей



# English-Tagalog Glossary

**data:** observations or measurements recorded in an investigation

**datos:** mga obserbasyon o sukat na inirekord sa isang imbestigasyon

**disperse:** to spread around

**ikalat:** pagpapakalat sa paligid

**explanation:** a description of how something works or why something happens

**paliwanag:** isang paglalarawan tungkol sa kung paano gumagana ang isang bagay o kung bakit nangyayari ang isang bagay

**evidence:** information that supports an answer to a question

**ebidensya:** impormasyong sumusuporta sa isang sagot sa isang katanungan

**habitat:** the place where an animal or plant lives and gets what it needs

**tirahan:** lugar kung saan naninirahan at nakukuha ng hayop o halaman ang kailangan nito

**investigate:** to try to learn more about something

**imbestiga:** subukang matuto nang higit pa tungkol sa isang bagay

## English-Tagalog Glossary (continued)

**leaves:** the flat, green plant parts that use light to help the plant grow

**mga dahon:** ang lapad at berdeng bahagi ng halaman na gumagamit ng liwanag upang tulungang tumubo ang halaman

**measure:** to use a tool to find out information such as how heavy, how big, how fast, or how hot or cold something is

**sukatin:** paggamit ng kagamitan upang mag-alam ng impormasyon tulad ng kung gaano kabigat, kalaki, kabilis, o kainit o kalamig ang isang bagay

**model:** something scientists make to answer questions about the real world

**modelo:** bagay na nililikha ng mga siyentista upang sagutin ang mga tanong tungkol sa tunay na daigdig

**observe:** to use any of the five senses to gather information about something

**mag-observe:** ang paggamit sa alinman sa limang pandama upang makakalap ng impormasyon tungkol sa isang bagay

**roots:** the underground plant parts that take in water to help the plant grow

**mga ugat:** ang mga bahagi ng halaman na nasa ilalim ng lupa na sumisipsip ng tubig upang tulungang tumubo ang halaman

## English-Tagalog Glossary (continued)

**seeds:** things a plant makes that can grow into new plants

**mga buto:** mga bagay na nililikha ng halaman na maaaring tumubo tungo sa mga bagong halaman

**sprout:** to start to grow from a seed

**usbong:** pagsisimulang tumubo mula sa isang buto

**system:** a group of parts that work together

**sistema:** isang grupo ng mga bahaging nagtutulungan upang gumana

## English-Urdu Glossary

**data:** observations or measurements recorded in an investigation

ڈیٹا: تحقیقات میں درج کردہ مشاہدات یا پیمائشیں

**disperse:** to spread around

منتشر کرنا: اردگرد پھیلانا

**explanation:** a description of how something works or why something happens

وضاحت: ایک بیان کہ کوئی شے کیسے کام کرتی ہے یا کچھ کیوں ہوتا ہے

**evidence:** information that supports an answer to a question

ثبوت: معلومات جو ایک سوال کے جواب کی تائید کرتی ہے

**habitat:** the place where an animal or plant lives and gets what it needs

مسکن: وہ جگہ جہاں ایک جانور یا پودا رہتا ہے اور اپنی ضرورت کی چیز حاصل کرتا ہے

**investigate:** to try to learn more about something

تحقیق کرنا: کسی شے کے بارے میں مزید جاننے کی کوشش کرنا

**leaves:** the flat, green plant parts that use light to help the plant grow

پتے: پودے کے چپٹے سبز حصے جو پودے کی نشوونما میں مدد کے لئے روشنی کو استعمال کرتے ہیں

## English-Urdu Glossary (continued)

**measure:** to use a tool to find out information such as how heavy, how big, how fast, or how hot or cold something is

پیمائش کرنا: معلومات تلاش کرنے کے لئے ایک آلہ کو استعمال کرنا جیسا کہ کوئی چیز کتنی بھاری، کتنی بڑی، کتنی تیز، یا کتنی گرم یا سرد ہے

**model:** something scientists make to answer questions about the real world

ماڈل: ایک چیز جو بعض اوقات سائنسدان حقیقی دنیا کے بارے میں سوالات کا جواب دینے کے لئے بناتے ہیں۔

**observe:** to use any of the five senses to gather information about something

مشاہدہ کرنا: کسی چیز کے بارے میں معلومات جمع کرنے کے لئے پانچ حواس میں سے کسی کو استعمال کرنا

**roots:** the underground plant parts that take in water to help the plant grow

جڑیں: پودے کے زیر زمین حصے جو پودے کی نشوونما میں مدد کرنے کے لئے پانی اندر کھینچتے ہیں

**seeds:** things a plant makes that can grow into new plants

بیج: ایسی چیز جسے پودا بناتا ہے جس سے نئے پودے پیدا ہو سکتے ہیں

## English-Urdu Glossary (continued)

**sprout:** to start to grow from a seed

پھوٹنا: ایک بیج سے نشوونما شروع ہونا

**system:** a group of parts that work together

نظام: حصوں کا ایک گروہ جو مل کر کام کرتا ہے

# English-Vietnamese Glossary

**data:** observations or measurements recorded in an investigation

**dữ liệu:** sự quan sát hoặc đo đạc được ghi chép trong một cuộc điều tra

**disperse:** to spread around

**phát tán:** phát ra xung quanh

**explanation:** a description of how something works or why something happens

**sự giải thích:** một mô tả về vật gì đó hoạt động như thế nào hoặc tại sao điều gì đó xảy ra

**evidence:** information that supports an answer to a question

**chứng cứ:** thông tin hỗ trợ một câu trả lời cho một câu hỏi

**habitat:** the place where an animal or plant lives and gets what it needs

**môi trường sống:** nơi mà một động vật hoặc thực vật sống và nhận được những thứ mà nó cần

**investigate:** to try to learn more about something

**điều tra:** cố gắng tìm hiểu thêm về điều gì đó

## English-Vietnamese Glossary (continued)

**leaves:** the flat, green plant parts that use light to help the plant grow

**lá:** các bộ phận thực vật dẹt, xanh lá cây sử dụng ánh sáng để giúp cây phát triển

**measure:** to use a tool to find out information such as how heavy, how big, how fast, or how hot or cold something is

**đo lường:** sử dụng một công cụ để tìm ra thông tin ví dụ như cân nặng, độ lớn, độ nhanh hoặc độ nóng hoặc lạnh của vật gì đó

**model:** something scientists make to answer questions about the real world

**mô hình:** điều mà các nhà khoa học đưa ra để trả lời các câu hỏi về thế giới thực

**observe:** to use any of the five senses to gather information about something

**quan sát:** sử dụng bất cứ giác quan nào trong năm giác quan để thu thập thông tin về một điều gì đó

**roots:** the underground plant parts that take in water to help the plant grow

**rễ:** các bộ phận thực vật dưới đất hấp thụ nước để giúp cây phát triển



## English-Vietnamese Glossary (continued)

**seeds:** things a plant makes that can grow into new plants

**hạt giống:** những thứ một cây tạo ra có thể phát triển thành cây mới

**sprout:** to start to grow from a seed

**nảy mầm:** bắt đầu phát triển từ hạt giống

**system:** a group of parts that work together

**hệ thống:** một nhóm các bộ phận làm việc cùng nhau